Work Ord		•		*107	7319*			÷.	<i>≸</i> h-	`	Page 1	
Item ID: Revision ID: Item Name: Start Date: Required Date:	D3913-3 Rib 10/01/13 10/02/13	Start Qty: 1.0 Req'd Qty: 1.0	,	Accept 5	*N900 Cust Item I	į.	100)* s	Setup Start Stop	*N:	S1* S2*	
Reference: Approvals:		ın: <i>M</i>	Date: <u>/3-<i>09-</i>/</u>			ate:		P	Run Start Stop	"	₹1* ₹2*	
Sequence ID/ Work Center I		Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty		Reject Number	Insp. Stamp	
Draw Nbr		ision Nbr							÷			
D3913 100 *1 00* Large Fab Large Fab	С		tube as per dwg D3913 ove identification marks and d	0.00 0.00 eburr		······································	L	Σ Σ		DL	_B-	/0-31
*110 *110* QC Quality Control		QC6- Inspect dimer	nsions to drawing	0.00	·	·	•	5_x	DAS 43	· 13	-10 -	3/
120 *120* Packaging		Identify as per dwg		0.00				5×_		DC DC	/3 -10	2-3(

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NCR:	res /	NO				WORK ORDER NON-C	JONF.	UKI	MANCE / UPL		QA Closed:	Date	
						.							•
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT,	/PROCESS	
						Rework	1		Skid-tube	Crosstube		Water Jet	Engineering
Part N	No					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
				-		Use-as-is] т	herm	noforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	No					Work Order Update			Large Fab	Composite		Supplier	
D4			-		Danasi	maion of words and an analysis	1 1		A -4	•	c: 0		
Root	_	Date	Step	O+1/	· · · · · · · · · · · · · · · · · · ·	ption of work order update or Non-conformance	Init		Act		Sign &	Manifiantian	06
Cause		vate	step	Qty		or Non-conformance	Chief	Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data	H												
Equip/Tooling	H	1											
Operator Material	H												
	Н												
Setup Other	\vdash												
Process	H												
Supplier													
Training	Н												
Unapproved	Н												
	1			1		F	AULT (CATE	GORY		li		
Landi	ng Gea					General				······			
		nding	* ~			Bend	П	rain			Ovalized	Γ	Pressure/Forced
·	Cer	ntre No	t Concer	ntric to	o/s -	BOM/Route	На	irdwa	re		Over/Under	tolerance	Temperature/Cure
		icks	و پيد			Broken/Damaged	Ins	specti	on Incomplete		Part Incorred	-	Weld
	Cru	ıshed/C	rimped	•		Burrs	Ins	struct	ions Incomplete/L	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cut	ffs				Contamination	-		nance		Part Moved	- L	-
	He	at Treat	t			Countersink	М	islabe	led		Positioned V	/rong	
١	Ins	pection	Strip in	Tube		Cut Too Short	Пм	isread	l	ļ	Power Loss/:	Surge	Other
	Rip	ples in	Bend			Drill Holes	Tof	fset		<u> </u>	4	_	
	Tol	rque W	aves in E	xtrusio	n	Drawing	O	ut of C	Calibration				
	Пти	rning Se	annence			Finish	\Box	it of S	Seguence				

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

ML 5 13-11-04 MF 13-11-01 *130* 0.00 Memo

Run Hours

0.00

Quality Control

130

QC

Work Center ID

Description

QC21- Final Inspection - Work Order Release

Insp.

Number Stamp

Qty

Code

Qty

Page 2

												DQA:	D	ate:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UP	DATE					
					i							QA Closed:	D	ate:	
Work Ord	or.					DISPOSITION				AGAINST D	ÞΕ	PARTMENT,	/PROCESS		
WORK OF G	٠					Rework	٦		Skid-tube	Crosstube			Water Je	t	Engineering
Part I	No.					Scrap	1		Machining	Small Fab		Pro	d. Eng. Coor		Quality
		,				Use-as-is	7		noforming	Finishing			re/Packaging		Other
NCR I	No.					Work Order Update]		Large Fab	Composite			Supplie	r	
,			1	1				L				T			
Root						ption of work order update		Initial		tion		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verification	on_	QC Inspector
Doc/Data															
Equip/Tooling															
Operator															ļ
Material					i			•							
Setup															
Other	_														
Process															
Supplier			ļ						ĺ						
Training	<u>_</u>														
Unapproved															
							AUI	T CATE	GORY						
Landi	ing (1				General		7		r		1		_	1
	\vdash	Bending			_	Bend	<u> </u>	Grain		-		Ovalized		\vdash	Pressure/Forced
		Centre N	ot Concei	ntric to	o/s _	BOM/Route	\perp	Hardwa		<u> </u>		Over/Under		<u> </u>	Temperature/Cure
	_	Cracks			<u> </u>	Broken/Damaged	\vdash	4	ion Incomplete	L		Part Incorre		\vdash	Weld
	<u>_</u>	Crushed/	Crimped		<u></u>	Burrs	L	-1	ions Incomplete/	'Unclear		Part Lost/Mi	ssing		Wrong Stock Pulled
1		Cuffs				Contamination	<u></u>	Mainte		L		Part Moved			
	\vdash	Heat Tre	at		L	Countersink		Mislabe	led			Positioned V	_	_	1
	1	Inspection	n Strip in	Tube	1	Cut Too Short	1	Misread	<u> </u>	1		Power Loss/	Surge		Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish Folio

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September-23-13 11:47:51 AM

Work Order ID:

107319

Parent Item:

D3913-3

Parent Item Name:

Rib

Start Date: 10/01/13

Required Date: 10/02/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC

DD_verf:EC

IPP Rev:B 11.02.04 chg qc5 to 6

	DD VCII.EC												·
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.049		Purchased	No			100	f	1,134.3429	8	8.4210526			
304 SQ Tube .75x.75x.049	9W								Communication (CAP)				
				Location		Loc Oty	<u>Lo</u>	c Code					
				WA006		1134.342933							
				M120	6039	96.3429331							1 /2
				M12	6364	438			<u>-4</u>	2./	$\supset X$	\ <i>\{)}</i>	$\langle 1 \rangle^{-}$
				M12	6900	600			· · · · · · · · · · · · · · · · · · ·		-	•	

											DQA:	Date:	
NCR: Y	es /	No				WORK ORDER NON-C	O	NFORM	MANCE / UPDAT		QA Closed:	Date:	
Work Orde	ė.					DISPOSITION			A	AGAINST DE	PARTMENT	/PROCESS	
Part N	lo					Rework Scrap Use-as-is Work Order Update		f Therm	Machining Si noforming F	rosstube mall Fab Finishing mposite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Action		Sign &		
Cause	_ [Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Descriptio	n	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
							AUI	T CATE	GORY			·	
Landir	Cer Cra	r nding ntre Not acks ushed/Cr		ntric to (o/s	General Bend BOM/Route Broken/Damaged Burrs		1	re on Incomplete ions Incomplete/Uncle		Ovalized Over/Under Part Incorred Part Lost/Mi	t	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled
	Cu	-	pcu		-	Contamination		Mainte	•		Part Moved		

Mislabeled

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

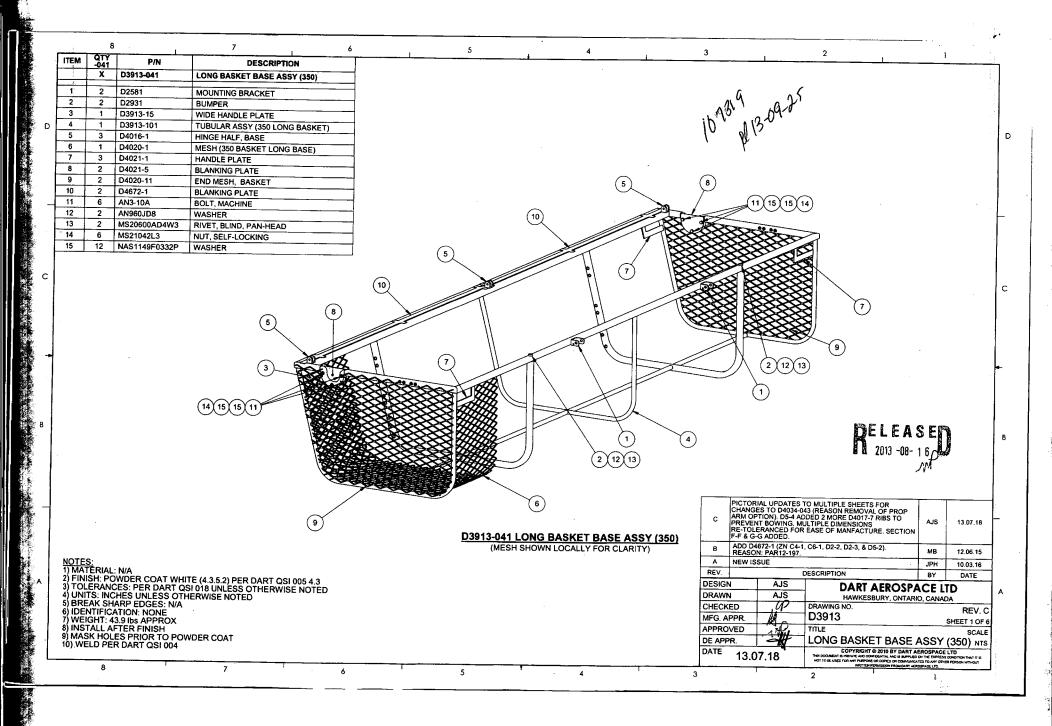
Cut Too Short Drill Holes

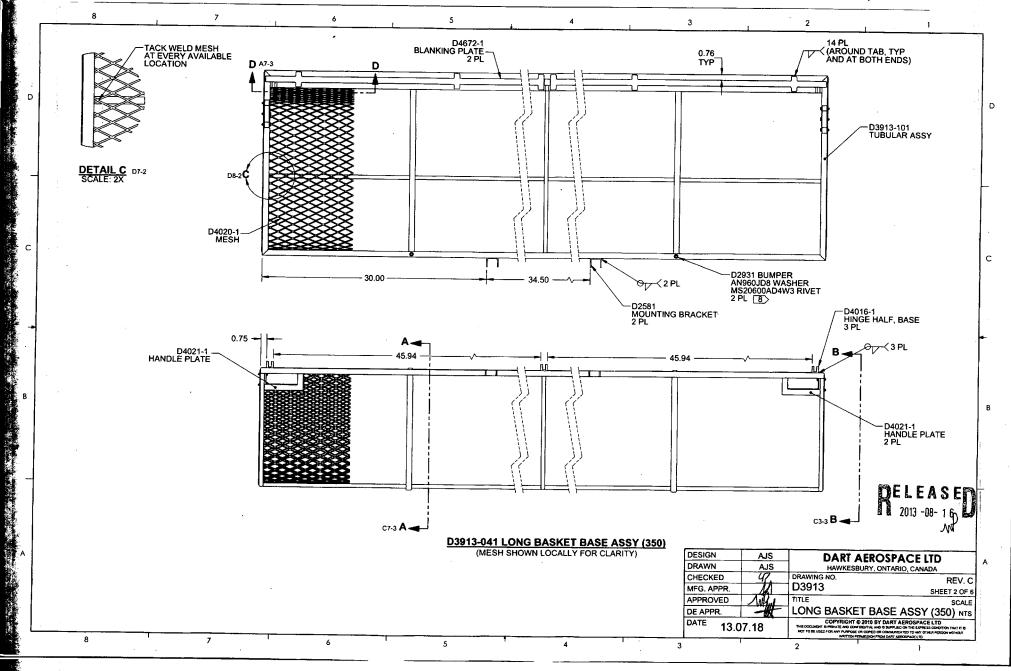
Drawing

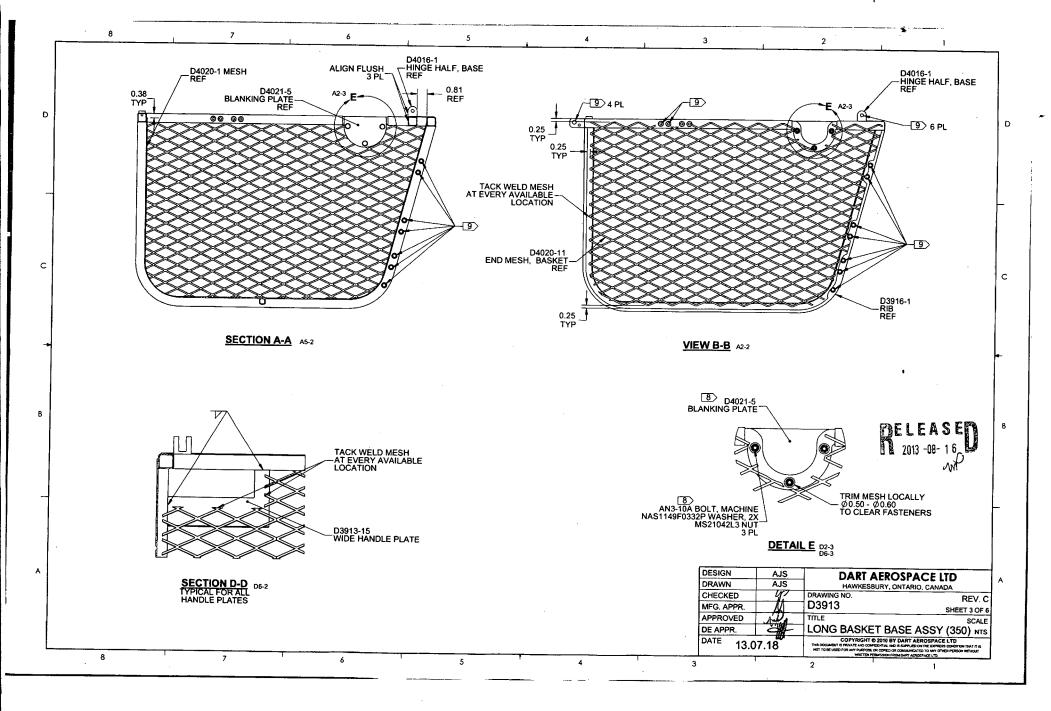
Finish

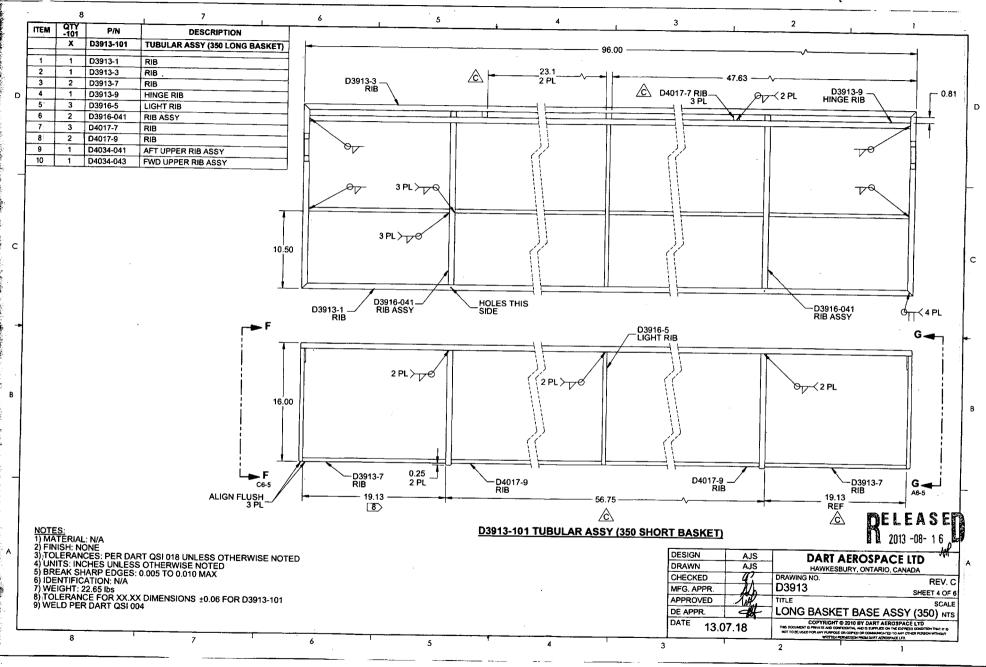
Folio

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